

? show files

File 15:ABI/Inform(R) 1971-2005/Sep 07
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 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group

? ds

Set	Items	Description
S1	8605654	KEY OR KEYS OR INPUT OR INPUTS OR INPUTTING
S2	632986	SEQUENCE OR SEQUENCES
S3	11160	S1 (5N) S2
S4	794856	TRIGGER????
S5	137	S3 (S) S4
S6	6209677	ID OR IDS OR IDENTIF????????
S7	41	S5 AND S6
S8	4458021	FUNCTION? ? OR MULTIFUNCTION? ? OR (MULTI (W) FUNCTION? ?)

read	S9	25	S7 AND S8
	S10	19	RD (unique items)
	S11	33776	POUND AND STAR
	S12	698619	(VENDING OR REMOTE OR MOBILE) (8N) (ACCESS??? OR CONTROL??-??)
read	S13	1	S3 AND S4 AND S6 AND S8 AND S11 AND S12
	S14	20	S3 AND S4 AND 11 AND S12
read	S15	19	S14 NOT S10 NOT S13
	S16	17	RD (unique items)
	?		

? t s10/medium,k/1-19

10/K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02616567 353248791

Financial globalization and economic development: Toward an institutional foundation

Nissanke, Machiko; Stein, Howard
Eastern Economic Journal v29n2 PP: 287 Spring 2003
ISSN: 0094-5056 JRNL CODE: EEJ
WORD COUNT: 10486

...TEXT: FINANCIAL FLOWS AND ECONOMIC DEVELOPMENT

Mainstream Theories on Welfare Gains from Financial Globalization

The key **function** of financial systems in the saving-investment-growth nexus is to act as an effective...

...Greenwood and Jovanovic, 1990] and the growth-inducing role of financial innovation [Pagano, 1993].

The **functions** of capital markets are also **identified** as a mechanism of an easy asset/portfolio allocation and diversification for the public, providing...In other words, international capital markets in the recent decades have not performed an intermediation **function** between saving supply and investment demand on a global scale. Rather, as Obstfeld and Taylor that causation may run in either direction.

The rapid pace and the wrong **sequence** of liberalization are blamed as **key** culprits [Mishkin, 2001]. Upon capital account liberalization, a credit boom in a number of miracle...

...international capital markets. A crisis condition then arose from a sudden large-scale capital outflow **triggered** by a wake-up call. Precipitous surges and withdrawals of international capital had contributed to...developmental. The starting point is to evaluate each of these five institutional areas with clear **identification** of the goals of any institutional transformation. Unlike orthodox financial repression theory, however, an institutional...

10/K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02158036 72362640

All for one and one for all? The development and transfer of power across organizational levels

Fiol, C Marlene; O Connor, Edward J; Aguinis, Herman
Academy of Management. The Academy of Management Review v26n2 PP: 224-242
Apr 2001
ISSN: 0363-7425 JRNL CODE: AMR
WORD COUNT: 11080

...TEXT: PMMs (e.g., formal organizational position, control over

resources, network centrality) are the cues that **trigger** attention and cause mental representations (PMMs) to arise in the first place. Antecedents do not...1 we summarize the development of identity and reputation PMMs as the typical information-processing **sequence** of **input**, throughput, and output (Lachman, Lachman, & Butterfield, 1979).

Antecedents of PMMs

Antecedents trigger attention to the...

...network centrality, and unit characteristics (Ragins & Sundstrom, 1989). A number of researchers, for example, have **identified** the structural position of a unit as a source of power at the individual (e...greater detail in the Appendix. Table 1 shows a summary of our assessment of the **functions**, structures, and processes of the constructs of our model across individual and group levels of...

...and outcomes as functionally isomorphic (i.e., what they do), because they carry out similar **functions** across levels. The structure of antecedents and of the behavioral consequences and outcomes of PMMs...with relative ease. Numerous researchers have noted that others' perceptions of individuals are largely a **function** of the attributes of the group to which they belong (Dienesch & Liden, 1986).

The ease...

...may counter the difficulty of downward transfers of identity PMMs. Psychological theories of belonging and **identification** (e.g., Baumeister & Leary, 1995; Rousseau, 1998) indicate that people have a strong drive to ...

...are part of the settings in which they work. When people experience high levels of **identification** with their workgroups, they perceive the values and attributes of the group as their own...levels. Although power researchers have argued that the acquisition and distribution of power are a **function** of the interactions between individual predispositions and contextual variables (e.g., House, 1991), no one...

...power. Our theory of power development and transfer addresses this research gap. After defining the **function** and structure of the constructs of our model and the processes by which they emerge...designs that specifically indicate whether the focus is on transfers of the structure or the **function** of power or, alternatively, on the processes by which the transfers take place. One cannot...A., & Mullen, B. A. 1999. Joining groups to reduce uncertainty: Subjective uncertainty reduction and group **identification**. In D. Abrams & M. A. Hogg (Eds.), *Social identity and social cognition*: 249-279. Oxford...1992. Alumni and their alma mater: A partial test of the reformulated model of organizational **identification**. *Journal of Organizational Behavior*, 13: 103-123.

Morgeson, F. P., & Hofmann, D. A. 1999. The structure and **function** of collective constructs: Implications for multilevel research and theory development. *Academy of Management Review*, 24...

...1: 305-321. Hillsdale, NJ: Lawrence Erlbaum Associates.

Rousseau, D. M. 1998. Why workers still **identify** with organizations. *Journal of Organizational Behavior*, 19: 217-233.

Rowley, T. J. 1997. Moving beyond...constructs across individual and group levels.

Functional Isomorphism

In this section we examine whether the **functions** (i.e., what they do) of power antecedents, PMMs, and reinforcing behaviors and results/ outcomes are similar across levels of analysis. We have argued in this article that the **function** of power antecedents at both individual and group levels is to trigger attention to aspects...

...and informal positions provide the antecedent cues that lead to the formation of PMMs. The **function** of these antecedents is also similar for mental models about one's own and others...

...we view groups as social entities capable of acting as wholes, with PMMs that have **functions** similar to those of individuals (Lindsley et al., 1995). Across individual and group levels, mental models **function** to reduce uncertainty and to make sense of one's world (Klimoski & Mohammed, 1994). Thus...

...alike tend to seek confirmatory feedback (Hinsz et al., 1997). At both levels the typical **function** of the feedback is to maintain current conceptions of self and others and to reinforce...

10/K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00911899 95-61291

Object-oriented integration testing

Jorgensen, Paul C; Erickson, Carl
Communications of the ACM v37n9 PP: 30-38 Sep 1994
ISSN: 0001-0782 JRNL CODE: ACM
WORD COUNT: 4545

ABSTRACT: Five levels of object oriented testing are **identified**. Four of these map nicely into the commonly accepted unit, integration, and system levels of...

...constructs and a directed graph notation that helps formalize object-oriented integration testing are also **identified**. These are illustrated with an object-oriented formulation of an automated teller machine system. The...

...which is a sequence of method executions linked by messages, and 2. an Atomic System **Function**, which is an input port event, followed by a set of MM-Paths and terminated...

...TEXT: with special emphasis on assumptions and practices that need to be modified or replaced.

We **identify** five levels of object-oriented testing; four of these map nicely into the commonly accepted...

...traditional software testing. (Placement of the remaining level is primarily a management consideration.) We also **identify** two new testing constructs and a directed graph notation that helps formalize

object-oriented integration...and system need some clarification. there are several definitions of a unit:

- * a single, cohesive **function**
- * a **function** which, when coded, fits on one page
- * the smallest separately compilable segment of code
- * the...

...outputs. The goal of unit testing is to verify that, taken by itself, the unit **functions** correctly. (Another view is to see how the unit **functions** , assuming everything else is perfect.)

Once units are separately tested, they are integrated together. Integration ...

...testing with requirements specification. These symmetries are comfortable in that the basis for test case **identification** is clear. Of these, the unit level is best understood (both in terms of detailed... testing

An individual method is programmed in an imperative language and performs a single, cohesive **function** . As such, it corresponds to the unit level of traditional software testing, and both the...

...with an event, which we refer to as a port input event. This system-level **input triggers** the method-message **sequence** of an MM-Path. This initial MM-Path may **trigger** other MM-Paths. Finally, the sequence of MM-Paths should end with some system-level...

...input event, in which case the ending port event is null.

Definition. An Atomic System **Function** (ASF) is an input port event, followed by a set of MM-Paths, and terminated by an output port event.

An atomic system **function** is an elemental **function** visible at the system level. As such, ASFs constitute the point at which integration and ...

...ATM) system. All ATM systems must deal with the entry of a customer's personal **identification** number (PIN), which is known only by the central bank and the customer. The customer...

...the customer that the ATM card will not be returned, and no access to ATM **functions** is provided.

The following steps occur after the user enters a card:

1. A screen...we used the standard NeXT AppKit classes for the graphical interface objects. (Figure 2 omitted)

Identifying MM-Paths. Consider the following four sequences of behavior visible at the system level of...

...decode the key.

PIN Entry (behavior sequence 2) is an example of an atomic system **function**

. It is composed of six MM-Paths, an input port event, and several possible output...

...and threads entail many objects. Similarly, an object may be involved with many atomic system **functions** , and an ASF may entail many objects. These two mappings guarantee that objects are integrated...well as a bottom-up testing order. The lowest level tests individual methods as standalone **functions** . Once tested, these become nodes in the object network graph, where separately tested methods are...

10/K/4 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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11850714 Supplier Number: 129032156 (USE FORMAT 7 FOR FULLTEXT)

Other News To Note.

BIOWORLD Today, v16, n23, pNA

Feb 23, 2005

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2985

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...at the Ludwig Maximilian University Munich said the online publication of an article in Nature **identifies** specific immunostimulatory motifs of short interfering RNAs. The **identification** of those motifs enables the design of siRNAs that avoid interferon induction. In connection with...

...vaccine approach that use small vesicles derived from immune cells that contain the components to **trigger** immune response. Bavarian Nordic A/S, of Copenhagen, Denmark, intends to extend production for its...

...Bavarian Nordic said it will make significant investments to increase the company's international marketing **function** and add a vaccine filling line to ensure the security of supply for customers. The...

...as therapeutic agents against viral diseases. Benitec also receives a coexclusive sublicense to two specific **sequences** targeting **key** genes of HIV that CombiMatrix previously licensed from its partner, irsiCaixa, of Barcelona, Spain. In...

10/K/5 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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08959586 Supplier Number: 77827721 (USE FORMAT 7 FOR FULLTEXT)

SHORTCUTS TO SUCCESS.

O, LARRY THE

Electronic Musician, v17, n7, p38

July, 2001

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3457

... Paste, Undo, Open, Print, and New File. Music and audio programs

commonly add shortcuts for **functions** that are specific to studio-related activities, such as zooming in or out on a...

...worth some planning, because it's the linchpin for searches comparing shortcuts for the same **function** in different programs.

When you print quick-reference cards, it's generally best to group shortcuts by **function**. In an audio program, for instance, the quick-reference card may be organized into groups...

...such as Zoom In. You'll gain the most efficiency and speed, however, if a **function**'s shortcut is the same in all your programs.

An increasing number of applications let you define the shortcuts assigned to some or all of the programs' **functions**, so you can remap the shortcuts to make them uniform among the applications. You can...

...in the assignment process ensures faster operation later. Try to assign similar shortcuts to like **functions**. In my example, Change is the common characteristic.

Ideally, you choose the best shortcut for a **function** and configure your programs to use it. Unfortunately, reality often intrudes: not all programs let...

...on a Mac takes a screen shot, so avoid using that key combination for another **function**.

MACRO MUSCLE

It is unlikely you will be able to create a comprehensive, consistent set...

...may be capable of executing highly complex scripts, most of their usefulness comes from simple **functions** such as creating shortcuts.

You can use a macro utility's shortcut feature to supplement... handling (see Fig. 1). Holding the Command key when I press one of those **F keys** triggers a **sequence** that normalizes only a selected area.

Another task I often perform is copying a selection...lower edge.

ALL TOGETHER NOW

In essence, using shortcuts and macros is a process of **identifying** the **functions** you need most and then configuring your computing environment optimally for those **functions**. The process demands a time investment, but the dividends can't be overstated.

Begin by...

...to it every time you catch yourself performing a task that fits the description. Many **functions** you'd like to streamline are the same among programs. You'll also find important **functions** missing and a lot of short command sequences that you do repeatedly.

Armed with that...

...you have collected information about existing shortcuts, compare the shortcuts in the programs you use, **identify** new ones that you need to build, and formulate your strategy for assigning shortcuts. Take...

...usually share a number of common features, their capabilities vary. It's therefore important to **identify** shortcomings or missing features in a macro program; otherwise, you may invest a lot of...

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08820688 Supplier Number: 76638514 (USE FORMAT 7 FOR FULLTEXT)
Protocols And Logic.(Data Transit's Bus Doctor) (Product Information)
 Bursky, Dave
 Electronic Design, v49, n13, p67
 June 18, 2001
 Language: English Record Type: Fulltext Abstract
 Document Type: Magazine/Journal; Trade
 Word Count: 2589

ABSTRACT:

...that runs the Windows 2000 operating system, a PCI card that performs the main analyzer **functions** , and the configurable Smart Pod.

... that runs the Windows 2000 operating system, a PCI card that performs the main analyzer **functions** , and the configurable Smart Pod (Fig. 1). The heart of the analyzer is a PCI...

...thereby permitting the circuitry on the FPGA to operate at top speed. Because the logic **functions** can be directly implemented in the FPGA, processor-readable/writable registers aren't needed. This...

...view the first eight data transfers on an SCSI bus, but only if the SCSI ID =4, then the filter can be configured to pause capture after eight data transfers and...trigger sequencer could be configured so that one level waits for a selection of SCSI ID =4. That level would enable the capture, but the filter would continue filtering any data...

...term as well or force capture off after a count of 1 and NOT SCSI ID =4.

Another novel feature of the Bus Doctor is its ability to collect real-time statistics. Like any other **function** , the terms or patterns that drive the real-time statistics can be specified via an...

...is modified so the pattern-recognition hardware only gets tailored to what's needed. All **input** channels can recognize all signal **sequences** (Hi, Low, Rise, Fall, X), allowing the use of any input channel as a clock that can **trigger** on a falling edge, rising edge, or either edge. The ability to **trigger** on either edge of a signal is useful whenever using double-transition data transfers, now...

...in many bus protocols.

Then, the 36 terms or patterns are fed into specific hardware **functions** that permit the analyzer to trigger, filter, and provide real-time statistics. The input channel...

...of time while the instrument collects the data.

Such a capability has great use for **identifying** multiple anomalies that happen on the bus. Because the trigger sequencer can be configured to software will attempt to locate the Pod and read the Pod ID . If a proper Pod ID is found, the software will download the appropriate bit file into the Pod's FPGA...

...basic configuration menu is a simple dialog box with four tabs, each representing a main **function** of the analyzer. Buffer size and segmentation, trigger, filter, and state capture make up the...

10/K/7 (Item 4 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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04164341 Supplier Number: 46081854 (USE FORMAT 7 FOR FULLTEXT)

'Polis' drives embedded-controller design

Electronic Engineering Times, p40

Jan 22, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2054

... time dramatically by finding unexpected bugs earlier in the design cycle. For example, formal verification **identified** two subtle bugs that had survived extensive simulation in the initialization phase of the shock ...

...timing constraints are satisfied. For example, this can be achieved by proving that an impossible **input sequence**, such as one due to sensor noise, always **triggers** the appropriate error-recovery procedure.

Hardware and software can also be synthesized and optimized by... events are used to specify the required timing properties of the system. Such separation of **function** and timing alleviates the problem of reusing functional components in different contexts.

Two specification languages...

10/K/8 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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09728992 SUPPLIER NUMBER: 19756864 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Avigen Reports Site-Specific Gene Integration Into Human Chromosome 19

PR Newswire, p916SFTU009

Sep 16, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1693 LINE COUNT: 00141

... to disrupt key genetic sequences, thus activating oncogenes and/or inactivating tumor suppressor genes thereby **triggering** the onset of cancer.

In contrast, AAV (and AAV vectors) infect both actively dividing and ...

...a process whereby similar DNA sequences recombine during DNA replication in vivo) are inefficient, and **identification** of cells containing an integrated sequence is time-consuming and difficult. Various yeast or bacterial enzymes involved in DNA recombination **function** in mammalian cells, but their target sites for integration do not pre-exist in the...

10/K/9 (Item 2 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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08411123 SUPPLIER NUMBER: 17838785 (USE FORMAT 7 OR 9 FOR FULL TEXT)

'Polis' drives embedded-controller design. (Magneti Marelli develops a

hardware-software codesign methodology for a real-time embedded controller) (Special Section: EDA Tools) (Technology Information)

Chiodo, Massimiliano

Electronic Engineering Times, n885, p40(3)

Jan 22, 1996

ISSN: 0192-1541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2231 LINE COUNT: 00188

... time dramatically by finding unexpected bugs earlier in the design cycle. For example, formal verification **identified** two subtle bugs that had survived extensive simulation in the initialization phase of the shock ...

...by proving that an impossible input sequence, such as one due to sensor noise, always **triggers** the appropriate error-recovery procedure.

Hardware and software can also be synthesized and optimized by... events are used to specify the required timing properties of the system. Such separation of **function** and timing alleviates the problem of reusing functional components in different contexts.

Two specification languages...

10/K/10 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

02322334 SUPPLIER NUMBER: 03625858 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A manager's guide to integrated software; they macro! they mask! they merge! some of them even do windows

Mamis, Robert

Inc., v7, p64(8)

Feb, 1985

DOCUMENT TYPE: evaluation

ISSN: 0162-8968

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 8239 LINE COUNT: 00627

... of course, neither can communicate with another computer on its own nor follow a customized **sequence** of instructions **triggered** by a **key**-stroke, as most integrated programs can. Not only do the parts of these integrated systems...seconds?

All integrated systems, your computer salesperson will tell you, can perform at least five **functions** --database management, spreadsheet modeling, text writing, graph drawing, and telecommunications. But you will be told...is of no help in negotiating another system; each has its own peculiar setup of **function** keys, method of data entry, menu references, and so on.

In an ideal world, integrated...

...word processing, or database, the surroundings on the screen would remain the same, and the **function** keys would perform the same tasks. But of these eight, only one fulfills even part...

...discrete rectangle of values on which calculations are performed), each spreadsheet has a "go-to" **function** that whisks the cursor from one cell to any other anywhere in the vast reaches of the sheet. In addition, you can **identify** ranges by name as well as number, such that you wind up at an address...is larger than a computer's memory.

Other bright spots include a systemwide sort function **that** operates even in storage-file management, English-language formula-and

routine-writing, and selectable scrolling...least three disk changes.

Even with a hard disk, the result is disappointing. Aura identifies **cell** locations by their spacial relation to each other, rather than the accepted letter/number "theater..."

10/K/11 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
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01832170 SUPPLIER NUMBER: 16838396 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Implementing business rules in a distributed environment. (compared with a non-distributed environment) (Server Side) (Column) (Tutorial)

Price, Josh; Vijay, Bharat

DBMS, v8, n3, p72(4)

March, 1995

DOCUMENT TYPE: Column Tutorial ISSN: 1041-5173 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3452 LINE COUNT: 00285

...ABSTRACT: rules that are implemented through triggers or the declarative features of the relational DBMS. Other **functions**, such as stored procedures, views and triggers, can be implemented with relational DBMS features. These...

... triggers. Depending on the combination of RDBMS and client-side tools, you can implement other **functions** with RDBMS features such as triggers, stored procedures, and views. These features are often ideal... Oracle when a table in question resides on another server. Developers take various approaches to **identifying** tables used in SQL statements. Code that you write to access object names only, requires...implementation of business rules becomes a sticky proposition.

Entity Integrity

On a single server, primary **keys**, unique indexes, and **sequences** are used together to enforce entity integrity by creating a unique **identifier** for each record. These features work in a distributed environment, as long as you don...

...partition the table for which they are defined. At some point -- for performance, volume, or **function** -- you may have to partition tables across multiple servers. When that happens, you can enforce...table. To include a partitioned table in a master-detail relationship, you need to use **triggers** and stored procedures.

Oracle supports various data integrity constraints on every row in a table...

10/K/12 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
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01584003 SUPPLIER NUMBER: 13385354 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Chain of events. (WAIT command in Borland International Inc.'s Paradox 4.0 program development software) (Column) (Paradox Programmer) (Tutorial)

Smith, Brian J.

Data Based Advisor, v11, n2, p138(6)

Feb, 1993

DOCUMENT TYPE: Tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3020 LINE COUNT: 00224

...ABSTRACT: Application Language (PAL) can be a powerful and exciting tool, if programmers learn its basic **functions**. The WAIT is an event-driven command that enables trapping for five different events: triggers...

... by pressing a key or clicking the mouse.

C, the "cycle number," lets your program **identify** when a series of events are related to ...Message "Arriving at field " + Field () EndSwitch
Return 0 EndProc

Notice how you can use PAL **functions** such as FIELD() to determine the state of the desktop, in this case, the field...

...of WAIT WORKSPACE, you click the mouse or press a key, such as the F4 **function** key, to move from CUSTOMER to ORDER. Fig. 6 shows the chain of events.

This...

...L, the "lock key," on a new or changed record. This causes a two-event **sequence**: the **key** event followed by a POSTRECORD.

POSTRECORD is, in my opinion, the most important event. It's the event that **identifies** changes being made to the physical data table on disk. Since so much data-entry...

10/K/13 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01430209 SUPPLIER NUMBER: 10577421 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Borland ObjectVision: oriented towards the wrong object. (Borland

International Inc.'s program development software) (Software Review)

(Previews) (evaluation)

Bidmead, Chris

Which Computer?, v14, n3, p38(1)

March, 1991

DOCUMENT TYPE: evaluation ISSN: 0140-3435 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3796 LINE COUNT: 00295

... is particularly strange because the program goes out of its way to emulate other sign **functions** that match those of Lotus 1-2-3 and Quattro.

ObjectVision may offer a fascinating...

...Paradox, dBase, Novell Btrieve and Ascii data files, and to other Windows applications * Uses spreadsheet **functions** already familiar to users of Lotus 1,2-3 or Quattro Professional Multimedia may seem... processors becoming more like desktop publishing packages every day, and desktop publishing packages subsuming the **functions** of graphical drawing packages, the art director who wants to use a PC to create...
...this pitfall with aplomb.

Extending an idea used in Ventura Publisher, which allows you to **identify** paragraphs with 'tags' that define their characteristics like margin position, typeface and indent style, Archetype...

...of a software package to create a Imacro' (a tailored shortcut that allows a single **key** to **trigger** a **sequence** of actions) you are writing a small computer program.

Experienced users of packages like Lotus...part of every copy of Microsoft's DOS operating system. But its old, character based **functions** aren't much use inside Windows. To fill this gap a UK company, Blackwell Scientific...

...to the macros in Word for Windows or Excel, WinBASIC directly drives the 500 odd **function** calls that Windows uses to draw shapes, manipulate text, create menus and so forth. Its...

10/K/14 (Item 4 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01389499 SUPPLIER NUMBER: 10376541 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Panel display/controller retrofit eases OI task, tightens control.

(operator interface) (microprocessor-based panel display with function keys and numerical keypad)

Johnson, Dave

I&CS (Instrumentation & Control Systems), v63, n10, p177(3)

Oct, 1990

ISSN: 0746-2395

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1648 LINE COUNT: 00127

...display/controller retrofit eases OI task, tightens control. (operator interface) (microprocessor-based panel display with function keys and numerical keypad)

... that consisted of hardwired pushbuttons and lights (Fig. 1). The panel display OI also has **function** keys and a numeric keypad. It and the PLC are programmed via an IBM-PC...

...which we mounted 50 ft away. After cabling was complete, we assigned and labeled the **function** keys describing their **function** on the molding machine. The last item to complete was the hardware setup, which consisted ...of workstation with which we would communicate. The next step was to set up the **function** keys as follows:

* F1-T1: Injection Hi Vol * F5-TS: Clamp open
* F2-T2: Injection...

...Multiple eject

* F3-T3: Decompression * F7: Core set sequence
* F4-T4: Cooling * F8: Core pull **sequence**

A **function key** enable bit was assigned to avoid accidental entries. In this case we gave the **function** key priority so data or values could be changed on the run. A bit was...

...can accept this as a one-shot input or an entry latch. Each F-key **triggers** a message that describes the key and displays the existing preset. These messages enable the...

...A value of 30 - 45 s proved sufficient.

The next menu we entered was the **function** LED menu. The LEDs above the F-keys directly reflect the on/off state of...

...was the message display text menu. Messages to be displayed were written and assigned an **ID** number. A prefix variable in front of the text tells the workstation whether to display...

10/K/15 (Item 5 from file: 275)
 DIALOG(R) File 275:Gale Group Computer DB(TM)
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01311417 SUPPLIER NUMBER: 07397296 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A six-pack for the Mac. (Software Review) (image processing software for the Macintosh)
 Hollinger, Steven J.
 ESD: The Electronic System Design Magazine, v19, n6, p26(8)
 June, 1989
 ISSN: 0893-2565 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
 WORD COUNT: 5271 LINE COUNT: 00434

... feel. Because these four programs use the Mac interface, a series of processing or analysis **functions** can be accomplished without learning special command languages or even consulting the manual.
 User-Friendly...

...intent on recovering fingerprints from a dusted glass will likely perform a series of processing **functions** to enhance a scan of the print. On the other hand, a robot hand guided...these operations makes Ultimage attractive for use in biomedical research, where objects must be manually **identified**, enhanced, and characterized.

Once an image is converted to binary form, a Particle option can...
 ...Ultimage demonstrates a unique approach to processing arithmetic and logic operations. To carry out these **functions**, a dialogue box is used that acts as an engine for applying complex **functions** to images. The Arithmetic/Logic Operators dialogue box lists the open images and the available...

...of some basic Fourier domain processing operations. These features are often used to eliminate noise, **identify** periodic artifacts, or even compress image data. Ultimage carries out high- and low-pass filtering...

...menu for cutting and pasting.

The Big Picture

Providing a solid foundation of image processing **functions**, the package includes advanced features for biomedical and scientific imaging. Bigmage and Ultimage have many...

...and primary morphological operations (Figure 2). Basic operations include thinning and thickening, typically used to **identify** objects of interest. For instance, an erosion might be used to eliminate bumps in an image, or a dilation might be used to fill in valleys.

More sophisticated morphological **functions**, such as rolling ball and top-hat operators, are also supported. Bigmage distinguishes itself from...pass filter to the resulting frequency plane, the program does not include the inverse FFT **function**.

Bigmage opens images of the SATIE format, as well as two proprietary format types: one...

...beyond the standard "How to use" demonstrations and offers approaches for solving processing problems. Most **functions** are described under the headings, "What does it do?" and "How does it work?" However...

...program disk also includes a number of demonstration files that step through various image processing **functions**.

A rich, intuitively built image processing program, Bigimage is a particularly useful tool for recovering...

...of Pascal (if, then, else, and so on), but MacRail also has builtin variables and **functions** for image acquisition, processing, and analysis. Using the Automatix developer's package, optimized extensions to...

...C and linked with the MacRAIL library.

MacRAIL performs simplified image processing, analysis, and control **functions** by recognizing specific commands (Figure 3). These commands can be saved as a named script...

...MacRAIL's analysis features, especially for machine-vision applications, is significant. MacRAIL has built-in **functions** for full 3D camera calibration. Three-dimensional calibration makes it possible to compute a mathematical...

...a magnification factor to be specified, which is best suited for measuring 2D coordinates. To **identify** any image point as an (x, y, z) coordinate, MacRAIL performs a perspective transformation that finds its location in 3D space.

MacRAIL also has built-in **functions** for stereo sensor pair calibration and structured lighting sensor calibration, the two most common techniques...

...applications, these types of calibrations are not extras; they are necessities. MacRAIL has built-in **functions** for image enhancement with mean and median filters as well as an edge-detection package...

...use in purely scientific environments, the package relies on third-party support for more obscure **functions**, such as the morphological sets found in Bigimage and Ultimage. In fact, Image 1.06...called ASAP, which is nearly identical to Image Analyst, except that ASAP can trigger a **sequence** on an **input** strobe, or can signal an output port on a pass/fail condition. MacRAIL requires the...

...intensive sections of code can be optimized. A statistical performance analysis package aids in the **identification** of trends found during the analysis of a series of images. Automatix also offers training...

...image processing marketplace (apart from dedicated machine-vision systems). With Image Analyst, standard image processing **functions** such as filtering or convolving an area of interest can be performed. Image Analyst's...

...written in MacRAIL and provides access to most of MacRAIL's image processing and analysis **functions**. In fact, when Image Analyst is invoked, it takes about two minutes for the entire...

...that area. For example, when connectivity has been selected, access to information such as minimum **identifiable** blob size in the ROI is provided. For each **identified** object in the image, the centroid, orientation of major and minor axis, area, roundness, and...

...detect lines or object boundaries within an ROI. For example, the Hough Transform, used for **identifying** robust lines within an image, can be applied before performing a line-to-point measurement...

...TCL does not have any Mac-like tools or options. To perform an image

processing **function** , a command is invoked through the TCL worksheet. The worksheet is not designed to use...supplies helpful references to technical literature where the origins and use of the more obscure **functions** can be found. Also, a large demonstration script library is provided as an introduction..

Elementary...

10/K/16 (Item 1 from file: 9)
 DIALOG(R)File 9:Business & Industry(R)
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02498997 Supplier Number: 24896291 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Protocols And Logic

(Data Transit develops Bus Doctor which performs both logic and protocol analysis)

Electronic Design, v 49, n 13, p 67

June 18, 2001

DOCUMENT TYPE: Journal ISSN: 0013-4872 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1589

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...that runs the Windows 2000 operating system, a PCI card that performs the main analyzer **functions** , and the configurable Smart Pod (Fig. 1). The heart of the analyzer is a PCI...

...thereby permitting the circuitry on the FPGA to operate at top speed. Because the logic **functions** can be directly implemented in the FPGA, processor-readable/writable registers aren't needed. This...

...view the first eight data transfers on an SCSI bus, but only if the SCSI **ID** =4, then the filter can be configured to pause capture after eight data transfers and...

...trigger sequencer could be configured so that one level waits for a selection of SCSI **ID** =4. That level would enable the capture, but the filter would continue filtering any data...

...term as well or force capture off after a count of 1 and NOT SCSI **ID** =4.

Another novel feature of the Bus Doctor is its ability to collect real-time statistics. Like any other **function** , the terms or patterns that drive the real-time statistics can be specified via an...

...is modified so the pattern-recognition hardware only gets tailored to what's needed. All **input** channels can recognize all signal **sequences** (Hi, Low, Rise, Fall, X), allowing the use of any input channel as a clock that can **trigger** on a falling edge, rising edge, or either edge. The ability to **trigger** on either edge of a signal is useful whenever using double-transition data transfers, now...
 ...in many bus protocols.

Then, the 36 terms or patterns are fed into specific hardware **functions** that permit the analyzer to trigger, filter, and provide real-time statistics. The input channel...

10/K/17 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

22311398

QIAGEN Acquires Xeragon, Inc.

CANADA NEWSWIRE

April 18, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1050

...21-25 nucleotides in length. siRNAs have been shown to **function** as **key** molecules in **triggering sequence** specific mRNA degradation leading to the posttranscriptional 'silencing' of a target gene. The siRNA technology is considered as the most powerful tool to unravel **function** of genes. It can be used in a variety of applications such as high throughput... products to integrated solutions and producing such products, the ability of each of QIAGEN to **identify** and develop new products and to differentiate its products from competitors, and the integration of...

10/K/18 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

01162212

Eaton Developing Solution To Electrical Faults on Aircraft

EDWARD H. PHILLIPS

Aviation Week & Space Technology, Vol. 154, No. 14, Pg 107

April 2, 2001

JOURNAL CODE: AW

SECTION HEADING: Aero Products & Services ISSN: 0005-2175

WORD COUNT: 723

TEXT:

... that an arc fault exists, a signal is sent to a circuit protection device that **triggers** a **sequence** isolating the faulty circuit.

A **key** advantage of the algorithms is the ability to discriminate between a ``bad'' fault and a...

... the normal operation of a pump or motor, respectively. These mathematical equations are capable of **identifying** the degree of ``chaos'' and ``randomness'' in the 400Hz. waveform, which helps prevent ``nuisance tripping...

SPECIAL FEATURE:

... into conventional circuit breakers to facilitate installation/replacement. If electronics fail, the circuit breaker still **functions** .

10/K/19 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

09359150 INSPEC Abstract Number: C2005-05-1340K-074

Title: Robust fuzzy control method for monotone inertial systems

Author(s): Hailiang Zhao

Author Affiliation: Dept. of Appl. Math., Southwest Jiaotong Univ.,
Chengdu, China

Conference Title: 2004 IEEE International Conference on Systems, Man and
Cybernetics (IEEE Cat. No.04CH37583) Part vol.7 p.6102-7 vol.7

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2004 Country of Publication: USA 7 vol. (lxxx+6496)

pp.

ISBN: 0 7803 8567 5 Material Identity Number: XX-2004-02679

U.S. Copyright Clearance Center Code: 7803-8566/04/\$20.00

Conference Title: 2004 IEEE International Conference on Systems, Man and
Cybernetics

Conference Date: 10-13 Oct. 2004 Conference Location: The Hague,
Netherlands

Language: English

Subfile: C

Copyright 2005, IEE

...Abstract: environment parameters, a rule-base self-adjusting method is employed. The adaptive process can be **triggered** when some state aberrance points are found or when the controller is turned on each time. To **identify** the trend of the system state, shape vector of a curve and state aberrance points are proposed. The adaptive process begin with a **sequence** of test **input**, then system output process is recorded by response **function** of the system. Next deviation degree between the current response **function** and the standard output response is calculated. By matching the shape vector and analyzing the deviation degree, the current circumstance is **identified** so that the rule-base can be automatically modified.

...Identifiers: response **function** ;

?

t s13/medium,k/1

13/K/1 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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08075827 SUPPLIER NUMBER: 17142849 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CD-ROM publishing today: what's hot & what's not.(Industry Overview)

Herther, Nancy K.

Database, v18, n4, p27(12)

August 18, 1995

DOCUMENT TYPE: Industry Overview ISSN: 0162-4105 LANGUAGE:

English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 7297 LINE COUNT: 00641

...ABSTRACT: continue to drive the CD-ROM market, and several trends in CD-ROM publishing are **identified** .

TEXT:

This article...looks at what is happening with CD-ROM products more broadly to **identify** features that you may find incorporated into tomorrow's business products.

... and other options in searching and retrieving are becoming more than just a choice between **function** keys, worked into the presentation with windows or other carefully constructed screen presentations. Help and ...

...today and instead looks at what is happening with CD-ROM products more broadly to **identify** features that you may find incorporated into tomorrow's business products.

WHAT'S AT STAKE...Philips designed the product to use narrators rather than extensive text to link illustrations and **key** concepts. Video **sequences** have been created and quiz is included as well.

HarperCollins Interactive reports having greater success...

...area of expertise, but the disc is well worth a look.

Wanna Be a Rock **Star** ?

For something completely different--and worth a look--check out the Virtual Guitar and Virtual...the Guitar to get points and to rise to the eminence of a true rock **star** . The scenes and sounds are very true to life and the younger crowd really enjoys...

...screen, a CD-ROM player and discs containing the actual maps, and antenna and wireless **remote control** . It is currently on the market in California and Nevada, although it should also be...

...and serviced in any car.

The driver is able to use the CD-ROM to **identify** a location, and the CD-ROM also plots the best route. A user can then place "way-point" markers at turns along the route that will **trigger** an audible alert when the car nears a turn. The system also has a travel...If you like action and arcade programs, you must try Doom II from GT Interactive/ **ID** Software. For adventure/fantasy role playing, consider Under a Killing Moon from Access. Rebel Assault...at your own desk, at your own speed, and because of the search and retrieve **functions** that allow searching the discs for specific text and images. SilverPlatters Multimedia Accelerated Learning series...

4. Quicken CD-ROM Deluxe (Intuit) \$60
5. Under a Killing Moon (Access) \$62
6. **Star** Trek Training Tech Manual (Simon & Schuster) \$49

7. Microsoft Encarta (Microsoft)

\$86

8. Lion King...

...9400

Orange Cherry/New Media Schoolhouse

P.O. Box 390

Westchester Avenue, Market Plaza Building

Pound Ridge, NY 10576

914/764-4104; 800/672-6002

Osborne/McGraw-Hill

2600 10th Street...

?

? t sl6/medium,k/1-17

16/K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02494986 116349180

DRAMA, a connectionist architecture for online learning and control of autonomous robots: experiments on learning of a synthetic proto-language with a doll robot

Billard, Aude

Industrial Robot v26n1 PP: 59 1999

ISSN: 0143-991X JRNL CODE: IRO

WORD COUNT: 4685

...TEXT: more natural way (requiring no training) of interacting with the machine than by using a **remote control** device. It could also be taught by its user or programmer, e.g. teaching a...arm in front of the robot, the right detector on the robot is activated, which **triggers** the robot's right arm waving movements, i.e. lifting the arm up and then...

...left detector on the glasses receives full activation while the right one receives none, which **triggers** the robot's head movement to the left, i.e. the robot turns the head...

...and the sensors which the demonstrator holds in her hands. At the end of the **sequence**, the demonstrator presses a **key** on the keyboard. The robot associates the pressing of the **key** with the complete **sequence** of actions which it has memorised (by property of association of the DRAMA architecture, as explained earlier). The demonstrator repeats the same process for each **key**, teaching a different action **sequence** each time. During the training, the demonstrator verifies if the robot has correctly learned the action **sequences**, by pressing again the **keys**. This activates retrieval of the associated action sequence in the DRAMA network, which leads to...

...switch again or activating the robot's arm or head. This results in retrieving the **keys sequence**, resulting in reading sequentially the loudspeaker's recorded slots, corresponding to each key, by reading...

...Note that as for the action sequences of the first experiment, the order of the **keys sequence** is conserved and so the grammatical order of the sentence it represents.

Note that the...autonomous agents", Special Issue on New Horizons of Commercial and Industrial AI, Vol. 38 No. 11, November, Communications of the ACM, CM Press, pp. 108-114.

10. Mataric, M.J. (1994...

...in Stanford University (Ed.), AAAI Spring Symposium toward Physical Interaction and Manipulation, 21-23 March.

11. Scassellati, B. (1998), "Imitation and mechanisms of joint attention: a developmental structure for building social...

16/K/2 (Item 2 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)

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00783483 94-32875

CD-ROM buyer's guide: Entertainment

Cosden, Chris

CD-ROM Professional v6n6 PP: 175-195 Nov 1993

ISSN: 1049-0833 JRNL CODE: LDP

WORD COUNT: 19542

...TEXT: an experimental videotape.

I Photograph to Remember is packaged with a bilingual (Spanish and English) 11 -page manual, and the narration on the CD-ROM is also available in both languages...user to use the cursor to interactively explore the "hot" areas of each page that **trigger** sounds, animations, and reading, highlighting of words. When you choose one of these buttons, the...text in the appropriate language (including Japanese characters) with a "hot" ball in front that **triggers** audible reading of the words as they are highlighted Page-flipping arrow buttons are located...

...the lower left and right corners of the screen, but page turning can also be **triggered** by using the left and right arrow keys on the keyboard. The spacebar acts as...to the office, opened up Cinemania, and looked up Goldfinger. We were presented with a " **remote control** " (more about this soon) at the left side of the ...must simply be endured, volume two's may be aborted by twice pressing the <Enter> **key** . The title **sequences** over, you are brought to the main menu. Instructions are available or users new to...

16/K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00642870 92-57810

Global System for Mobile Communications

Beaudry, Michelle; Parker, Jerry

Telesis n94 PP: 52-69 Jul 1992

ISSN: 0040-2710 JRNL CODE: TLS

WORD COUNT: 9581

...TEXT: fundamental to the realization of Personal Communications Services (PCS). These features include location tracking and **mobile** call routing.

To provide true **access** -independent and location-independent services, PCS must be built on standards that enable networking both...mobile stations, base station system (which includes the base transceiver station and the base station **controller**), **mobile** -services switching center (MSC), home location register (HLR), visitor location register (VLR), authentication center, and...

...base station includes: one or more base transceiver stations, which handle radio communication with the **mobile** stations; and a base station **controller** , which manages the base transceiver stations, as well as handover, encryption, and the interface to the mobile-services switching center (MSC).

The MSC, in turn, performs switching, routing, call- **control** , charging,

and accounting functions. It also delivers to **mobile** subscribers such supplementary GSM services as call-forwarding and call-barring, which are similar to...

...a form that is unintelligible. The transformation is carried out under the control of secret **keys** --that is, **sequences** of symbols that vary from system to system (from less than 100 to more than...The RAND and SRES are then downloaded to the visitor location register (2).

When the **mobile** station requests **access** to the network, the network challenges the **mobile** with the random number (3). The SIM in the handset uses the random number, in...the computing and telecommunications environments. The standards are based on concepts very similar to AIN: **triggers** in the switching element and protocols to allow intelligent communication between the switching element and...cannot be found. If the C/I ratio is greater than a given threshold--typically 11 decibels (dB) for a digital system--the simulator allocates the channel.

The third challenge was...watts. If most mobile units are operating on maximum power, however, the system's power **control** algorithm is not working optimally; the **mobile** units are consuming excessive power.

After designers identify patterns, they can zoom in for detailed...

16/K/4 (Item 1 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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11537689 Supplier Number: 123205591 (USE FORMAT 7 FOR FULLTEXT)

Security Watch: MSN Virus is Not Funnier. (Web Edition) (W32/Funner.A-mm)

PC Magazine, pNA

Oct 13, 2004

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 3587

... the Zip file handling component, and a successful exploit would allow an attacker to gain **remote control** over the system. This is a must-do update for Windows XP users who haven...

...affected versions. A highly critical Word for Windows vulnerability was released by Secunia that can **trigger** a DoS attack. The affected products are Word 2002/Office XP, and Word 2000/Office...

...circuitry that causes it to lock up with the motor running. If the control panel **keys** are pressed in a certain **sequence**, the motor stay on. The control panel no longer responds, and the user must to...

...It

PC Magazine October 1, 2004

A Year of Security Challenges Looms Ahead

eWeek October 11, 2004

New Worm Attacks MSN Messenger As Service Falters

eWeek October 11, 2004

Microsoft Issues Flurry of Fixes on Busy Patch Day

eWeek October 12, 2004

Microsoft...

16/K/5 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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14548772 SUPPLIER NUMBER: 85481650 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tools help you lose the hardware blues; EDA software seems to be the only silicon assistance that some programmable-logic companies want to talk about nowadays. What other tools are available to simplify your task of--as these suppliers seem to have forgotten--designing hardware?(electronic design automation) (Cover Story)

Dipert, Brian

EDN, 47, 9, 36(7)

April 18, 2002

DOCUMENT TYPE: Cover Story

ISSN: 0012-7515

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 3662 LINE COUNT: 00324

... you explicitly describe in your test-vector file. What about those "real-world" combinations of **input** signals and **sequences** of those signals that you haven't predicted? Clearly, relying only on simulation is insufficient...add-in card. All of these features-boost partial- and full-reconfiguration performance. An Ethernet **controller**, intended for **remote** configuration purposes, may even be onboard. These boards also typically include reconfigurable-computing-tailored design...HomePNA, IEEE 1394, and USB 2.0; wireless interfaces, such as Bluetooth and IEEE 802. **11**; and other applications, such as encryption and decryption, and digital video encoding ...You tell the tool what nodes to monitor, for how many cycles, and with what **trigger** conditions. It communicates this information over the JTAG interface to circuitry within the chip, which... with multiple operating voltages; delivers acquisition capability to 100 MHz; and offers four levels of **triggering** and decompression on download. Silicon Explorer 2 is unique among its peers in that it...

Device Total logic elements

EP20K100	4160
EP20K100E	4160
EP20K160E	6400
EP20K200	8320
EP20K200E	8320
EP20K300E	11 ,520
EP20K400	16,640
EP20K400E	16,640
EP20K600E	24,320
EP20K1000E	42,240

TABLE 3...1999, pg 54.

(2.) Dipert, Brian, "Synthesis shoot-out at the EDN corral," EDN, Sept **11**, 1998, pg 95.

(3.) Dipert, Brian, "Do

16/K/6 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05590793 SUPPLIER NUMBER: 11796619 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Support services for remote users of online public access catalogs.

Kalin, Sally W.
 RQ, v31, n2, p197(17)
 Winter, 1991
 ISSN: 0033-7072 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
 WORD COUNT: 10671 LINE COUNT: 00875

Support services for remote users of online public access catalogs.

TEXT:

...deserve more and better advocacy from librarians. This article focuses on users of online public **access** catalogs (OPACs). It discusses the nature of **remote** users, the problems they encounter with OPACs, and the ways in which libraries can provide...

REMOTE USERS OF ONLINE PUBLIC ACCESS CATALOGS

Remote access to online catalogs is not a new concept. Book catalogs, the forerunners of card catalogs, were an early form of **remote access**. In the nineteenth century, a student living miles from the university could find out what...

...horses and travel to the library to find out what it owned!(1)

Today, implementing **remote access** to all information systems--not just online public access catalogs (OPACs)--is an essential development...

...can facilitate access to information and that their value is enhanced by the availability of **remote access** to libraries. In the Survey of Scholars conducted by the American Council of Learned Societies...

...many thought that computerized catalogs had made using the library more enjoyable.(4)

Why Use **Remote Access** to OPACs?

Scholars and others are using **remote access** to OPACs for a myriad of reasons:

- * to determine whether a library owns needed materials...

...assist in collection development decisions;

- * to obtain cataloging copy (This is a popular feature of **remote access** to Penn State's LIAS system, the university library's online catalog, because MARC is...

...focused on remote users of LIAS. She found that two-thirds of Penn State's **remote** users **accessed** LIAS for quick bibliographic checks.

Remote LIAS users still went to the library, but they verified the existence, location, and availability...

...in-house users.(6)

Universities no longer are confined to a single geographic location, and **remote access** can help a centralized library better serve a dispersed group of users. The California State...

...then set up a corresponding document delivery system.(7)

Secondary-school libraries take advantage of **remote access** to introduce high school students to online catalogs. Several years ago, a contingent of principals...

...impressed, the principals returned home and raised questions about why their libraries did not offer **remote access** to other libraries' online catalogs; several subsequently established special links to surrounding academic libraries.

A...needed when they needed it." This convenience factor is obvious in the desire to use **remote access**. Penn State's **remote** users also are conscious of this convenience factor:

* "I like the convenience of working at...

...much more variability in performance than differences in system designs or differences in training procedures."(11) The research into human-machine interactions conducted by Christine Borgman and others reinforces the importance...

...of unaffiliated users could be much higher. Calls received at Penn State for assistance with **remote access** have come from such diverse locations as national parks, the governor's office, engineering firms...

...who work with remote users agree that this group has high expectations. The convenience of **remote access** whets users' appetites. It **triggers** their impatience and prompts demands for constant access, speedy document delivery, no breakdowns or waiting...as advertised and are unhappy if they do otherwise. Note that in the preceding comments, **remote access** users volunteer to pay for special services, indicating they perceive themselves as customers. This may...

...invisible" patrons. For some, their only contact with a library is through the OPAC. If **remote** users obtain easy **access** to the information they need, they will appreciate the "wonderful system"; if they have difficulty...

...part of the librarians and library staff that made this possible."(21)

Problems Encountered by **Remote - Access** Users

Patrons who **access** systems remotely must master two things: their equipment and communications software and the database and...

...questions, an area in which many librarians are ill-prepared to adequately respond. Many problems **remote** users experience are beyond a library's **control**. Librarians cannot eliminate line noise, telecommunications problems, electrical storms, the incompatibility of a user's...

...his or her hardware and software.

Problems users encounter may be caused by the way **remote access** is implemented. Some systems have complicated log-on and even log-off procedures; some support...

...program or to troubleshoot a complex problem. Librarians, therefore, may assume a passive stance with **remote access**. Fearing an influx of users with questions they cannot answer, they avoid promoting or addressing **remote** problems. When asked how her library handled **remote access** questions, one librarian commented, "We all run and hide."

Even those who provide how-to...

...take heart, though, because universities have reported that there has been no great upsurge in **remote - access** questions over the past few years; in fact, many feel the number ...computer-literate. Most estimate that they receive five to fifteen questions per week relating to **remote access**. At least one university reported that, concurrent with a decrease in the number of technical...

...most libraries encounter a deluge of questions. When the Penn State University Libraries first implemented **remote access**, they received 200

telephone questions -- nearly 100 percent were technical in nature -- during the first...

...users. Bernard G. Sloan of the University of Illinois used transaction logs to determine that **remote - access** users retrieve more error messages and use a different mix of commands than those using...

...misconceptions about systems and their content and that this affects users' effectiveness as online searchers.(11) This can be even more true of remote users. Many OPACs do not provide adequate...

...Any optional activity that becomes too time-consuming will be avoided."(12) SUPPORT SERVICES FOR **REMOTE ACCESS** USERS

The very nature of **remote access** reduces both the library's responsibility to users and users' contact with the library. Users...

...OPAC successfully without any required communication from the library. Unfortunately, many librarians appear passive toward **remote - access** users. Libraries offer **remote access** to their OPACs because it is "the thing to do" but sometimes ...user support operation. Promotion

A flurry of activity and publicity usually accompanies the implementation of **remote access**, but this quickly dissipates. Libraries tend to rely on a printed handout available from the...

...there is little continuing promotional activity. The expectation is that word of mouth will keep **remote access** in the public eye.

This may not be sufficient. Institutions keeping logs of remote use

...

...in their student, staff, and faculty populations, they need to continually promote the availability of **remote access**. A Penn State University Libraries survey found that more than one-third of LIAS users...

...twenty thousand users must be introduced to LIAS every year.

One problem with promotion of **remote access** is that it is uneven. Some academic departments may use the service heavily; others may...

...are informed about support services available to them.(14)

There are numerous ways to promote **remote access**. Cornell University used a front-page article in the campus newspaper to announce remote access...

...users as they enter Cornell's Olin Library--a very effective means of continually promoting **remote access**. Many libraries have compiled packages of support materials for remote users that they mail out...

...bulletin boards that can be convenient vehicles for promotion. Some universities publish the OPAC dial- **access** telephone number in telephone directories. **Remote access** can be advertised as part of the OPAC's welcome banner or online help. Mailings...

...major universities, however, indicate that ten to twenty dial-access ports, usually supplemented with network **access**, are sufficient for **remote** users and result in little or not contention. Some other suggestions include:

- * Abbreviated commands: Remote...different terminals or micro-computers. If that is impractical, it is helpful to document the **key sequences** that initiate the function- **key** commands.

- * Hours of operation: One of the nicest features of **remote access** is that it is available when the library is closed. Libraries should provide the maximum...

...off can be frustrating, especially if they plan to use their communications software to immediately **access** other systems. Most **remote** users expect some type of log-off and probably will try the various words traditionally...

...it.(36)

The question of who provides this service is more complicated. In some libraries, **remote - access** questions are handled by a public service desk that traditionally handles calls relating to the...

...served best by one contact point for information and assistance. As noted earlier, however, most **remote** -user questions relate to how to **access** the system. Because these questions are of a technical nature and require a knowledge of...Academic Computing Services to establish a troubleshooting hotline for technical problems.(37)

Cornell University implemented **remote access** systematically. A committee composed of librarians and members of Cornell Information Technologies (CIT), the computing arm of the university, was charged with planning and implementing **remote - access** user support services. Among the committee's responsibilities were training staff from both the library and CIT, providing appropriate documentation, and running **remote - access** orientation sessions for the university community.

After much discussion and research, the committee decided that...

...staff of its Academic Computing Support (ACS) center have forged a close working relationship. When **remote access** to DELCAT was implemented, it was decided that ACS would field the technical questions. ACS...

...staff workshops on DELCAT and how to access it via the campus network and dial **access** were designed. ACS reviewed the **remote - access** instructions the library planned to distribute, and the library designed a DELCAT problem sheet to help the technical consultants ask users the right questions. The **remote access** problems encountered and the solutions offered were posted electronically as a training tool for both...

...The author calls this a new form of reference work: "reference psychotherapist." This includes reviewing **remote - access** directions step by step, reassuring the patron, and guaranteeing that further help is available with...

...their OPACs through dedicated terminals in the library; they will be uncomfortable offering service to **remote** users without some knowledge of how **remote access** works. Library personnel must be prepared to deal with the questions that they are likely...

...at the University of California at Berkeley are taught to handle the technical problems of **remote access** through a unique approach. They participate in troubleshooting workshops in which small groups are given...

...users, librarians may find themselves facing the disapproval of nervous administrators whose bottom line is **controlling** expenditures.

Sharing support services for **remote** users with computer centers raises the question of how to ...Those without an authorized identification number did not receive help. Librarians were to give printed **remote - access** guides only to the university's students, faculty, and staff.

This policy made the librarians...

...is not unusual. To avoid misunderstandings, librarians and administrators should work out these policies before **remote access** is implemented and make sure that information on the policies is disseminated.

Instructional Support

Classes or Seminars. Libraries can offer special classes or seminars to introduce users to **remote access**. User response, however, generally is minimal. When one considers the potential size of the community...

...OPAC were demonstrated. (42)

The University of California at Berkeley has held popular seminars on **remote access** as part of its Faculty Seminar series. The seminars emphasize the technical aspects of **remote access**. Separate sessions are offered for IBM and Macintosh users. Participants are given a preconfigured copy...

...entices faculty members to stay for a demonstration of the capabilities of the system. (43)

Remote Access Guides. Most institutions offering **remote access** publish a user's guide that explains the technical aspects of getting into the OPAC...

...they easily fit into a standard business envelope for mailing. The University of Delaware's **remote - access** guide, designed with a space for an address label, can be mailed without an envelope.

A review of **remote - access** guides published by a variety of libraries indicates that most contain common elements. These are...

...system generates standard error messages;

- * System Availability: Hours when the OPAC will be available for **remote access**;
- * Explanation of Passwords and Charges (if required);
- * Titles of Additional Publications Relating to the OPAC...remove the responsibility for interpreting library procedures and practices from the user.

The growth of **remote access** places new pressures on designers of interfaces to make systems as transparent as possible. The...

...were designed with only local students and faculty members in mind. With the availability of **remote access**, the OPAC user population extends to businesspeople, scientists, students and faculty from distant institutions, and...

...into an OPAC's online help system. Some libraries put the entire text of their **remote - access** guide online. The online help should include the names, telephone numbers, and addresses of staff...that LINKWAY will be the foundation of additional statewide services and programs.

CONCLUSION

Implementation of **remote access** to online public **access** catalogs (OPACs) has been accompanied by a high degree of popularity and user satisfaction. Most...

...conceptual and procedural knowledge of the OPAC merely by interacting with it.

The implementation of **remote access** compels libraries to offer different support services than they would provide to on-site users...

...special instructional aids, and remote reference service.

Libraries must be responsive to the needs of **remote** users. As more

users choose to **access** OPACs and other systems remotely, the libraries of the future may assume different service orientations...

...Library and Information Science, 1988), p.63.

6. Sally Wayman Kalin, The Searching Behavior of **Remote** Users: A Study of One Online Public **Access** Catalog, Proceedings of the 54th Annual Meeting of the American Society for Information Science 28...

...Quarterly 46: 409 (1976).

10. Dow, "The Impact of Home and Office," p.71, 78.

11. Dennis E. Egan, "Individual Differences in Human-Computer Interaction," Handbook of Human-Computer Interaction, ed...

...392 (Nov. 1986).

13. Alexis J. Jamieson and M. Elizabeth Dolan, University Library Experience with **Remote Access** to Online Catalogs (Washington, D.C.: Educational Research Information Center, November 1985), ED 267 805...Job is It?" Data Training 8:31 (Mar. 1989).

34. Debbie deBruijn and Arden Matheson, " **Remote Access** to On-line Catalogues," Canadian Library Journal 44:227 (Aug. 1987).

35. **Remote Access** to Online Catalogs in ARL Libraries, ARL Spec Kit #142 (Washington, D.C.: Association of...

...Management Studies, 1988), p.i.

36. White, "Customer Service," p.31.

37. deBruijn and Matheson, " **Remote Access** to Online Catalogues," p.227.

38. Gordon, "Staff Training for Support Agencies," p.79-83...

16/K/7 (Item 3 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
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01752175 SUPPLIER NUMBER: 02767846 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Factory automation systems.

Machine Design, v55, p101(15)

May 19, 1983

ISSN: 0024-9114

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 11420 LINE COUNT: 00935

... may be comprised of Boolean operations generated by interconnected logic gates. When the number of **sequences**, **input** signals, and machine elements is large, logic may be supplied by built-in microcomputers or... servomotors also are used. As a robot moves along one axis, a limit switch is **triggered** near the endpoint of the move. This turns off power to the driving mechanism and...faults external to itself. This capability is useful because the machine itself and externally-mounted **control** elements such as limit switches, solenoids, sensors, transducers, **remote** pushbuttons, and selector switches are usually much less reliable, and more often a cause of...to enhance differences in part contrast levels. (See "Adding Machine Division to Assembly Lines," MD 11 / 11 /82)

Industrial video cameras

Solid-state video systems were introduced several years ago. Based on ...lens magnification are made by the microprocessor (See "Improved CCDs for Industrial Video," MD 3/ 11 /82)

Timers and counters

TIMERS are perhaps the simplest form of machine control. An input...

16/K/8 (Item 1 from file: 275)
 DIALOG(R) File 275:Gale Group Computer DB(TM)
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02885840 SUPPLIER NUMBER: 133521294 (USE FORMAT 7 OR 9 FOR FULL TEXT
)

2005 utility guide.

Pike, Sarah

PC Magazine, 24, 9, 72(30)

May 24, 2005

ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 21986 LINE COUNT: 01811

... between where we're at and where our apps and data are. That's where **remote - access** utilities come in.

Professional network administrators have long relied on utilities to gather information, troubleshoot...

...you can add more to scan. (Tzolkin Corp., www.portdetective.com. GOOD)

NetStat Live 2. 11 (free) graphically displays your incoming and outbound connection performance, total inbound and outbound traffic since ...is also a feature that shows signal strength. (NetStumbler.com, www.netstumbler.com. VERY GOOD)

remote access

In years past, **remote control** and **remote access** weren't exactly technologies of the masses. Complicated and expensive, applications like Laplink and pcAnywhere...

...how much you're willing to spend. With some services, the base price gives you **remote access** to only one machine. And though most give you a discount if you sign up...

...imitators, the original, GoToMyPC (\$19.95 per month and up), is still the most effective **remote control** tool on the Web--and the easiest to use. You can tap into a remote...

...solves both these problems. It's cheaper than GoToMyPC, and though it does offer full **remote control**, it can also make low-bandwidth HTML-based connections, **accessing** only certain important parts of a **remote** system, including your e-mail inbox, your calendar, and your file tree. This sort of...

...is ideal for use over dial up or on a wireless handheld. But the full **remote control** isn't as slick or as fast as what you get with GoToMyPC, and the...

...price tag as Laplink Everywhere and operates along the same lines. You can do full **remote control**, or you can opt for quick and dirty HTML connections. The difference is that its full **remote control**, while still not the equal of GoToMyPC's, is far more impressive than Laplink's...

...t want to spend even \$10 a month? 3am Labs' LogMeIn Basic gives you full **remote control**, free. It won't transfer files to and from your remote PC or do remote...

...fast as GoToMyPC, and if you need to transfer files, you can do so by

remote - controlling e-mail.

The company has two more powerful versions of the product, each \$12.95. LogMeIn Pro adds file transfer, syncing, and **remote** printing. LogMeIn IT Reach layers on **control** over and information about the **remote** PC, which makes it suitable for tech support. (3am Labs, www.logmein.com. VERY GOOD...

...quite as impressive as LogMeIn. With the free version of LogMeIn, for example, you can **access** an unlimited number of **remote** machines, whereas MyWebEx PC limits you to one. But its designers have worked out a...

...the product in February, and the full version of the tool, which includes file transfer, **remote** printing, and application-specific **access** much like you get with Laplink Everywhere, is only \$9.95 per month. (WebEx Communications...

...ByteTaxi's FolderShare (\$48.60 to \$72.90 per year) and you may not need **remote control**. Each of these apps lets you keep certain files and folders automatically synchronized between two...

...can also use them to share files with other users--and yes, you can do **remote access** from any Web browser with either service. Both are available free, in limited form, and they're far more versatile than standard **remote control** apps.

BeInSync's interface is more intuitive. Unlike FolderShare, it lets you easily synchronize e...

...searches the Internet for other documents that are very, very similar. It breaks down the **input** document into word **sequences**, searches the Web for all these sequences, collates the results to find pages that are...

...to do. When learning mode is off, only known programs are permitted; all others will **trigger** a confirmation dialog much like that of a personal firewall.

You can't ignore the...

16/K/9 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
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02057182 SUPPLIER NUMBER: 19272194 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Introducing Visual Studio 97: a well-stocked toolbox for building distributed apps. (Microsoft's application development software) (includes related articles on creating distributed applications by using components) (Product Information)

Kirtland, Mary

Microsoft Systems Journal, v12, n5, p19(13)

May, 1997

ISSN: 0889-9932

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8448

LINE COUNT: 00677

... with took a long time to install because the main Visual Studio install program simply **triggers** each tool's individual install program. In a couple of cases, the installation program requires...Developer Studio, as well as the code to connect these commands to toolbar buttons and **key sequences**. A wizard is provided to help you start writing an add-in using Visual C...supports DAO 3.5 and ODBC 3.0. It supports binding simple and

complex data **controls** to any Activex data **control** , including the **Remote Data Control** shipped with Visual C++ Enterprise Edition.

Previous versions of MFC were able to create Automation...
...reduce syntax and spelling errors. Combined with the Data View's ability to generate skeletal **triggers** and stored procedures, this helps you create SQL scripts and procedures. The integrated SQL debugger...

...use data controls that ship with Visual C++ 5.0 to connect to local or **remote** databases. These **controls** also ship with Visual Basic 5.0. (See Figure 9 for a list of the...

...are available.) You can bind the MSDataList, MSDataCombo, Data Bound Grid, Masked Edit, and Calendar **controls** to the **Remote Data control** . When you do this, data **accessed** by the **Remote Data Control** is displayed in the data-bound **control** . This helps you write Visual C++-based apps that can view and maintain database records. **Remote Data Objects** is used to manipulate the data **control** . When you insert the control into your project, Visual C++ automatically creates the C++ class ...

...A Link View tool lets you see the connections between your Web pages graphically. Figure 11 shows the link view and FrontPaGetM editor in action.

Visual InterDev's strength is its...how they were developed.

Figure 9 Data Controls that Ship with Visual C++ Enterprise Edition
Control Type Files Remote DataMSRDC32.OCX

Control Type	Files
Apex Data-Bound Grid	MSRDO32.DLL DBGRID32.OCX GRDKRN32.DLL
Microsoft Masked Edit...	

16/K/10 (Item 3 from file: 275)

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01890677 SUPPLIER NUMBER: 17488771 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Internetwork 1995 TCP/IP software directory.(Internetwork supplement)(includes company index)(Buyers Guide)

INTERNETWORK, v6, n8, pA1(20).

August, 1995

DOCUMENT TYPE: Buyers Guide LANGUAGE: English RECORD TYPE:

Fulltext; Abstract

WORD COUNT: 14920 LINE COUNT: 01298

... for Windows, Professional Edition is a 32-bit X server with network-enhancing professional utilities, **remote access** capabilities and TCP/IP communications software. Software for Mac OS is an enhanced X server...transparent IP firewall. The transparent proxies allow TCP/IP networking applications to work without modification. **Remote access** is authenticated by one-time passwords using tokens.

Cabletron Systems 35 Industrial Way Rochester N...

...time features. Chorus/ClassiX combines the Chorus Nucleus open microkernel standard with a Unix-based **remote** development and debugging environment to bring transparent **access** to Unix in a scalable and

flexible distributed execution environment. Chorus/Fusion for SCO brings... TCP/IP applications, regardless of the type of PC workstation used or whether they are **accessing** the network from a local or **remote** location. WinView for Networks and its TCP/IP option integrate seamlessly into TCP/IP networks...

...can customize options such as color scheme and font; rows, columns and scrollbar buffer size; **key sequences**; cursor style; autowrap; scrolling style; and terminal type. It supports several types of printing, can...~

...Programmable keys give complete control over keyboard functions, allowing a user to assign any character **sequence** to a **key** or Ctrl/Shift+key.

* PowerTCP

PowerTCP Standard Toolkit v1.2 enables users to create TCP...without compromising Features or Functionality. It includes printing and file transfer over TCP/IP, allowing **remote** users to **access** their host applications over dial-up TCP/IP connections.

Emulex

3535 Harbor Blvd.

Costa Mesa...

...UTP or STP Token Ring topologies. Total SNMP compatibility is provided via MIB 1, MIB 11, Emulex Proprietary MIB, Parallel-like MIB, and Serial-like MIB.

Enterprise Solutions Ltd.

2900 Townsgate...

...PLUS enables PCs to be integrated into TCP/IP networks. it enables users to transparently **access** servers, run multiuser applications, **access** data from **remote** databases, share peripherals, and exchange messages all from within a familiar Windows environment.

* Tun TCP...Alameda, Calif. 94501

(510) 814-5100

* * Timbuktu Pro for Networks

Timbuktu Pro provides integrated networked **remote control** with **remote** node dial-in to provide total **access** to the network. With Timbuktu Pro, users can dial into any PPP-based **remote access** server and become a node on the network to access any of the network's...Unix, VAX and other environments. Users can also send messages, transfer files, share printers, and **access remote** resources across multivendor systems. IBM'S TCP/IP Version 2.0 for OS/2 and...across the Internet, The applications allow users to browse the WWW, transfer files, logon to **remote** hosts, and **access** Internet news groups. Included APIs are WinSock and Native NetBios. TCP Pro supports LAN connections and remote ISDN and dial-up phone lines.

* TCP Pro Remote, NTS Internet

TCP **Remote** provides software tools necessary for **remote access** to the LAN or Internet. Full support For IP and IPX over PPP and SLIP...IP as a common node. OC/Server II concurrently provides terminal emulation, file transfer, remote **printing**, host access, and peer-to-peer communications. It translates SNA protocols to TCP/IP and vice versa, offloading...View, Calif. 94043 (415) 903-5200

* Action Request System

The Action Request system provides remote **access via** TCP/IP from any location.

* ARWeb

ARWeb is a gateway between the Action Request System...

...A2B is a Windows-based connectivity application that supports TCP/IP networks. It lets remote **and** mobile **workers** access **any** network resource on a LAN, plus go into the LAN to reach information stored on... access to Unix-based applications from their Windows environment. SolarNet PC-X also provides remote **access** to the enterprise network by offering high-speed dial-up access capabilities.

Synergy Software 2457 Perkiomen...

...based security system that integrates packet filters and application level systems to stop intrusions, trigger **alarms**, monitor outgoing traffic and trace outside spoofing. The NetSeer Firewall uses rules to filter incoming...Macintosh user to use files on Unix machines without leaving their Macintosh desktop. Users access **remote NFS** volumes through the standard Chooser interface. MacNFS is a client implementation of the Sun NFS...

...while continuing to talk to other TCP/IP nodes. TSSnet provides a complete file access **utility** to include remote **printing**, a task-to-task programming interface, and a full set of networking management utilities. It...VxD stack provides access to the Internet and the PPP stack and Dialer enable remote **dial** -up access **worldwide**. Rumba for the Internet is also available as an add-on for those already using...

16/K/11 (Item 4 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01804827 SUPPLIER NUMBER: 17155740 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tools and utilities. (1995 Database Buyer's Guide and client/server sourcebook) (Buyers Guide)

DBMS, v8, n6, p72(29)

May 15, 1995

DOCUMENT TYPE: Buyers Guide

ISSN: 1041-5173

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 45154 LINE COUNT: 03869

... lockout, to more complex what-if cases in which results of actions on one PC **trigger** responses on others. Lets users run their tests in an unattended manner, because it can...Windows. Creates tables and indexes, and improves data integrity with support for domains, stored procedures, **triggers**, primary keys, foreign keys, and referential-integrity constraints on applicable databases. Enables schema generation and... 243-0088; 800-783-7946

Designs SQL database applications with client/server features, including enhanced **trigger** editors, stored procedures, and domain support. Includes server-based forward- and reverse-engineering of SQL...

...generates SQL DDL statements for tables and indexes, referential integrity (primary key and foreign key), **triggers**, defaults, and domain/column constraints. Because the DDL is generated directly from the logical model...

...selected and reverse-engineered into an data model, ready to be redesigned. Also captures Oracle7 **triggers** in the data model and generates them automatically. Incremental forward- and reverse-engineering. Existing relational...

...in a better final design. New features include template-driven forward- and reverse-engineering of **triggers**, domains, and default values, and DDE reporting to Microsoft Excel and Word, and Lotus AmiPro...Provides the ability to assign a wide variety of rules and constraints for business rules, **triggers**, and stored procedures. Automatically maps the conceptual model to an optimally normalized relational schema, creating entities, attributes, relationships, indexes, business rules, **triggers**, stored procedures, and check clauses. This relational schema generates a database definition language for specific...can define and specify lists of valid or coded values for a column, formulas or **triggers** to update data in a table, columns to contain system-provided values such as date...Propagator

Software AG Inc., Reston, VA

703-860-5050; 800-423-2227

A tool for **controlled**, asynchronous data replication between local and **remote** Adabas C sites. Replication available at the database, table, or key level. Performs distributed database...Park, CA

415-321-9500; 800-876-3267

A programmable data mover for decentralized applications. **Accesses remote** or local data in almost any format and stores it in a local, portable SQL...database-specific DDL and ANSI SQL Create Table statements to produce entity-relationship diagrams; code **triggers** to support declarative, functional, and **trigger** referential integrity; database vendor-specific DDL from ANSI-standard DDL; scripts to support With Default ...

...filters. Graphical performance analysis viewer included. Runs on Windows 3.1, Windows for Workgroups 3.11, Windows 95 (as a 16-bit application), and Windows NT (as a 16-bit application...)

...filters. Graphical performance analysis viewer included. Runs on Windows 3.1, Windows for Workgroups 3.11, Windows 95 (as a 16-bit application), and Windows NT (as a 16-bit application...)

...filters. Graphical performance analysis viewer included. Runs on Windows 3.1, Windows for Workgroups 3.11, Windows 95 (as a 16-bit application), and Windows NT (as a 16-bit application...for SQL Server. Yields productivity gains in the development, debugging, and tuning of stored procedures, **triggers**, and ad hoc queries. Provides three customizable MDI desktops, each capable of holding multiple script windows and result sets. \$399-\$2595 (one-10 users). Reader service #736.

Remote Control /2

Compuware Corp., Farmington Hills, MI

810-737-7300

For system administrators and DBAs who...

...for implementing, configuring, and administering OS/2-based client/server networks across an enterprise. With **Remote Control /2**, administrators can configure and manage **remote** OS/2 network nodes including DB2/2 server and client workstations. Features automated backup and...view space usage; create or drop tables and modify structure while preserving data; transfer structure, **triggers**, defaults, and rules while preserving data; upload or download SQL-table schemas, **trigger** definitions, and permissions; and add or drop user logins, set default languages, and grant and...

...covered by indexes and predicts the occurrence of positional-based deadlocks in database procedures and **triggers**. The database transactions and SQL statements involved in a predicted deadlock scenario are presented

in...

...represented both graphically and in table format, and provides an editor for stored procedures, views, **triggers**, defaults, and rules. Objects can be interchanged among different servers and/or saved on files...

...be interactively viewed along with Dependency Graphs for transaction differences in views, stored procedures, and **triggers**. Provides support for the process of training over database definitions from data administration to development...

...descriptions. Dependency graphs and relationship graphs can be produced for dynamic SQL, stored procedures, and **triggers** across databases or servers. Table entity-relationship diagrams, foreign keys, and referential-integrity constraints can...

...environments meet an organizations security policies. Detection of dormant accounts and break-in attempts can **trigger** user-defined actions such as account disablement or transmission of an alert of the event...by recompiling the application. Features single-user transaction processing; fixed/variable length records; alternate collating **sequence**; duplicate **keys**; automatic **sequence** numbers; native operating system I/O utilization for maximum portability and performance; dynamic space reclamation...files without compiling. Single users: \$249; networked two to five users: \$995; networked six to 11 users: \$1995. Reader service #793.

HyperHelp 4.0

Bristol Technology Inc., Ridgefield, CT

203-438...s Toolkit 1.10

WINGate Technologies of MITech Inc., Morristown, NJ

201-539-2727

Provides **remote control** of any DOS application from Windows using DDE or WINGate's Windows DLL. Users have...

...s Developer's Toolkit for peer-to-peer and client/server communications among VMs. Allows **remote control** of any DOS or host program from Windows (or even other DOS) programs. Permits the...its host application is not active. Users can search for objects that match selected criteria, **trigger** help file topics for objects and their attributes, enter annotations, and generate code templates. Reader...

16/K/12 (Item 5 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01688545 SUPPLIER NUMBER: 15356060 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tools and utilities. (1994 Database Buyer's Guide and Client/Server

Sourcebook) (Buyers Guide)

DBMS, v7, n6, p63(29)

June 15, 1994

DOCUMENT TYPE: Buyers Guide

ISSN: 1041-5173

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 46074 LINE COUNT: 03903

... lockout, to more complex what-if cases, in which results of actions on one PC **trigger** responses on another. Tests applications written under Windows, OS/2 PM, OS/2 full-screened...migrate applications from one DBMS to another. New features include forward and reverse engineering of

triggers , domains, and default values, and DDE reporting to Microsoft Word and Excel, WordPerfect, and Lotus...

...data model. Based in the ERwin/ERX. New features include forward and reverse engineering of **triggers** , domains, and default values, and DDE reporting to Microsoft Word and Excel, WordPerfect, and Lotus features include template-driven forward and reverse engineering of **triggers** , domains, and default values, and DDE reporting to Microsoft Excel and Word, and Lotus AmiPro...for data integrity and security management, and support for PL/SQL stored procedures and database **triggers** . Provides an interface for system developers, working on any platform, to access Oracle's repository...

...can define and specify lists of valid or coded values for a column, formulas, or **triggers** to update data automatically in a table, columns to contain system-provided values such as...design from the start of data modeling all the way up to the implementation of **triggers** in the database. Reverse-engineering features help in the maintenance and modification of existing applications...

...entity-relation diagrams, decomposition diagrams, SSADM IV, IDEFO, IDEFIX, and physical data models. Also generates **triggers** for referential integrity. Client/server design support includes SA/PowerBuilder link, which provides a direct...database, or all references to each object. Includes complete call trees for stored procedures or **triggers** , and table and index statistics. Helps developers and administrators define the consequences of changing and updating procedures and **triggers** . Presents clear statistical data to help identify inefficient or insufficient indexing. Supports DOS, OS/2...

...dropping an icon. Also lets DBAs: manage database objects such as aliases, rules, procedures, and **triggers** ; edit procedures, rules, defaults, sequences, tables, or views; perform logins and tuning, which helps manage...specific DDL and ANSI SQL Create Table statements to produce unique ER diagrams; provides code **triggers** or support declarative, functional, and **trigger** referential integrity; translates database vendor-specific DDL from ANSI standard DDL; includes scripts to support... database, design reports, and design DEC tha for Open VMS load and unload procedures. \$265-\$ 11 ,000.

DECtrace

Digital Equipment Corp., Maynard, MA 800-344-4825

Monitors performance data for any...or partially functional demonstration copies of an application, incorporate periodic or permanent disabling logic with **remote** unlocking capabilities, limit or restrict network client/server **access** , dynamically establish workstation parameters, and prohibit applications from being copied onto unauthorized computers. Fully customizable...by recompiling applications. Features include single-user transaction processing, fixed/variable-length records, alternate collating **sequence** , duplicate **keys** , and/or automatic **sequence** numbers; native operating system I/O utilization for maximum portability and performance; dynamic space reclamation...a linked list. Single users: \$199. Networked two to five users: \$495. Networked six to 11 users: \$995.

Tom Retting's Help Retting Micro Corp., Marina del Rey, CA 310-301...

...alarm for any five-minute interval within a 24-hour period. When the alarm is **triggered** , it executes any FoxPro command, macro, or procedure. AutoFox includes a timer function that can...NH 603-358-3308

A CA-Clipper communications function library that lets developers add

background **remote - control** support to their programs. This royalty-free library is similar to TSRs such as Closeup, pc-Anywhere, and CC. Allows complete **remote access** to an application and DOS using ANSI or VT102 terminals. BBS operators can use CA...

...NH 603-358-3308

A CA-Clipper communications function library that lets developers add background **remote - control** support to their programs. Users can replace TSRs such as Closeup, pcAnywhere, or CC with this royalty-free library. Allows complete **remote access** to an application and to DOS with only two function calls. Requires less than 9K...query functions. Optional data encryption subsystem ensures that only authorized users see sensitive information. Includes **11** functions for controlling Novell's print capturing. No royalties. \$299.

NOVLIB 2.1 Blink Inc...

16/K/13 (Item 6 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
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01613921 SUPPLIER NUMBER: 13901763 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tools and utilities. (software packages that help database developers prototype and design applications, query, and create help systems, among other uses) (1993 Database Buyer's Guide Special Issue) (Buyers Guide)
DBMS, v6, n7, p63(33)
June 15, 1993
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 45702 LINE COUNT: 03876

... created for Advanced Pick's Update Processor user interface, teaches all the editing functions, keystroke **sequences**, and hot **keys**. It includes a sample application for mailing list management. The Rigden Rapid Prototyper is an...Version 1.2 or ERwin/ERX includes template-driven forward engineering and reverse engineering of **Triggers** for Oracle 7, SQL Server, Sybase, Ingres 6.4, Informix 5.01, and Rdb; DDE...

...better final design. New features in version 2.2 include template-driven forward engineering of **Triggers** for Oracle 7, SQL Server, Sybase, Ingres 6.4, Informix 5.01, and Rdb; forward...for data integrity and security management and support for PL/SQL stored procedures and database **triggers**. Oracle Dictionary provides a convenient interface for system developers working on any platform to access...

...can then manipulate tables, reference primary and foreign keys and indexes, and add referential integrity **triggers**. S-Designor generates scripts for almost any database, including Oracle, DB2, Informix, Sybase, Ingres, RDB...database, or all references to each object. Includes complete call trees for stored procedures or **triggers**, as well as table and index statistics. ATreport helps developers and administrators define the consequences of changing and updating procedures and **triggers**. Also presents clear statistical data to help identify inefficient or insufficient indexing. Supports DOS, OS...

...database-specific DDL and ANSI SQL CREATE TABLE statements to produce unique-ER diagrams; code/ **TRIGGERS** to support declarative, functional, and **trigger** referential integrity; database vendor-specific DDL from ANSI

Standard DDL; scripts to support WITH DEFAULT...

...the database, design reports, and DEC Rdb for Open VMS load and unload procedures. \$265-\$ 11 ,000.

Desktop DBA Datura Corp., Richmond, VA 804-264-1225

A high-end Windows database...alarm for any five-minute interval within a 24-hour period. When the alarm is **triggered** , it executes any FoxPro command, macro, or procedure. AutoFox includes a timer function that can...With the menu engines, users can implement cascading pull-down menus and taglists, and highlight **trigger** keys. With all the engines, users can define hot keys that are local in scope...Development, Keene, NH 603-358-3308

A communications function library that lets developers add background **remote control** support to their programs. This royalty-free library is similar to TSRs such as Close-UP, pcAnywhere, and CC. Allows complete **remote access** to application and DOS using ANSI or VT102 terminals. BBS operators can use Clipper to...

...Development, Keene, NH 603-358-3308

A communications function library that lets developers add background **remote control** support to their programs. Completely replace TSRs such as Close-Up, pcAnywhere, or CC, with this royalty-free library. Allows complete **remote access** to an application and to DOS with only two function calls. Requires less than 9K...

...and query functions. Optional data encryption subsystem ensures only authorized users see sensitive information. Includes 11 functions for controlling Novell's print capturing. No royalties. \$299.

NOVLIB 2.0 Blink Inc...send them to a relational database to retrieve specific data. Provides users with direct online **access** to **remote** server databases; users can **access** any Digital Database Architecture-compliant database and extract needed data for use in other desktop...QMF on the mainframe without modification of source code. Call for pricing.

Xtrieve PLUS 4. 11 Novell Inc., Austin, TX 512-794-1796, 800-733-9673

Novell's interactive data query...

16/K/14 (Item 7 from file: 275)

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01611563 SUPPLIER NUMBER: 14146638 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Nexpo '93: more of the same, but still very different. (extensive discussion of new classified, editorial and pagination systems and trends at the Newspaper Association of America's 1993 newspaper systems trade show in New Orleans, LA) (Cover Story)

Edwards, Stephen E.; Joner, Urban; Neeff, David; Smith, Patricia J.; Tribute, Andrew

Seybold Report on Publishing Systems, v22, n20, p11(37)

July 12, 1993

DOCUMENT TYPE: Cover Story ISSN: 0736-7260 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 31305 LINE COUNT: 02429

... key buying criteria for an editorial system centered on the keyboard, the placement of specific **keys** , the abbreviated **key**

sequences , formats, etc. In these days of standard platforms and off-the-shelf solutions, the accountant...30 days.)

Future plans include putting the Decade/33 software into a laptop to enable **remote** users to **access** the host system as if they were in a newsroom. A 25-mhz '486 is...

...port, a blinker appears on its screen.

Also new is a bulletin board that provides **remote** dial-in **access** to the network from pcs and Macintoshes. Called PCMPlus Emulator, it enables dialing into the...polling the database at defined intervals, as most other systems do, CText has the database **trigger** itself to update user directories. This is done by using either Sybase **triggers** or what is Tandemese in the Tandem approach.

The directory function is immensely flexible. You...at each ad sales person's performance to see what has been done each day. **Triggers** can be set to move ads into hold queues based on a range of different...System/55, such as classified ad entry software, the LASR library software, SIIMac interfaces, SIIAPI **remote access** software, and INL/IAL pagination programs. Third-party products will be integrated only if they...few thousand years more, as Dave Webb of the Newspaper Systems Group commented. (See page 11 for a photo of the Jurassic Pack.)

Microcrafts: the host with the most

If rounding...of systems -- software as well as hardware. Its TMS systems (first the 8, then the 11) were installed in perhaps more sites -- newspaper and commercial -- than any other vendor's products...

...pronounced Nessie). NSSE's role was "to further the development of Digital's TMS/CMS- 11 newspaper systems," as stated by The Seybold Report.

Before NSSE got very far with its...

16/K/15 (Item 8 from file: 275)

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01439758 SUPPLIER NUMBER: 10957512 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MiniFinders. (buyer's guide to Apple Macintosh hardware and software)

(buyers guide)

MacUser, v7, n8, p135(49)

August, 1991

DOCUMENT TYPE: buyers guide

ISSN: 0884-0997

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 80288 LINE COUNT: 06476

... special cable to provide 750-Kbps transfer. It has an INIT that gives you background **access** to your **remote** Mac's files even when LapLink isn't running. You can protect the Mac globally...Arlington Centre Blvd., Columbus, OH 43220. (800) 848-8199 or (614) 457-8600. (Mar '91)

Remote Access Pack 2 1/2

Timbuktu/ **Remote Access** Pack is a bundle of Farallon communications products for remote communication. The package includes a...

...9,600-bps modem, a WakeUp cable with Auto Shut-Down software, Timbuktu, and Timbuktu/ **Remote** . You need two **Remote Access** Packs to communicate. The modem is a V.32 full-duplex ...similar to HyperCard XCMDs) are now supported. Contains a lot for a low price. Version 11 .02 reviewed.

Version 11 .10 shipping. Requires Mac Plus or later. \$139. FreeSoft Co., 150 Hickory Dr., Beaver Falls...874-0162. (Sept '88) * '88 Eddy

MBA Clients 4

MBA Clients is a set of 11 multiuser business applications that run under ACIUS' 4th Dimension. It's also an automated programming...relevant modules. There's no recurring-transaction ability. Version 1.0 reviewed. Version 3.11 **shipping**. Requires Mac 512Ke or later. \$199.95 per module; package of General Ledger, Accounts Payable...Annex package (now bundled with ColorStudio) adds an editable PostScript drawing layer. Version 2.11 **reviewed**. \$995. Letraset USA, Inc., 40 Eisenhower Dr., Paramus, NJ 07653. (800) 343-8973 or (201)...with character identifiers and labels. This intelligent program is easy to use. Version 1.11 **reviewed**. Version 1.14 **shipping**. Requires Mac Plus or later (hard-disk drive recommended). \$595. Compuneering...IIx. Requires Mac IIx with at least 8 MB of RAM. \$29,000. Varityper, 11 Mt. Pleasant Ave., East Hanover, NJ 07936. (201) 887-8000. (Sept '90)

Wacom SD-510C Cordless...less-than-Linotronic quality is acceptable. It produces excellent image quality. \$16,995. Varityper, 11 Mt. Pleasant Ave., East Hanover, NJ 07936. (201) 887-8000. (Oct '90)

WriteMove 3

The WriteMove...potentially hazardous to data if you swap among multiple hard drives. Good software and 11 MB of bundled shareware. SCSI termination is external. Requires Mac Plus or later. \$389. MacProducts USA...provided. Unfortunately, SCSI-ID switch allows "illegal" numbers 7 through 9. Bundled software includes 11 MB of shareware. \$457. Mirror Technologies, Inc., 2644 Patton Rd., Roseville, MN 55113. (800) 654-5294...erssable optical drive. Meager software. Its default format is not ISO. Has an Option-key **sequence** to format it as ISO standard. Slow. Requires Mac Plus or later. \$4,300. Sumo Systems...copied into word-processing files. Inconvenient to use with text-heavy equations. Version 2.11 **shipping**. Requires Mac Plus or later. \$149. Design Science, 4028 Broadway, Long Beach, CA 90803. (800...

16/K/16 (Item 9 from file: 275)

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01378405 SUPPLIER NUMBER: 09409211 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The HP SoftBench environment: an architecture for a new generation of software tools. (an integrated software development environment for computer-aided software engineering)

Cagan, Martin R.

Hewlett-Packard Journal, v41, n3, p36(12)

June, 1990

ISSN: 0018-1153

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 9790 LINE COUNT: 00771

... build on the UNIX' operating system, NFS and ARPA networking, the X Window System- Version 11, and the OSF/Motif appearance and behavior.

Architecture Overview

We define a software engineering environment...ISI, and the HP NewWave environment.

Event Triggers

An important extension to the message-based API model is that all HP SoftBench tools...

...above).

These notifications are the key to a powerful HP SoftBench concept known as event **triggers**. A **trigger** is a set of operations to be executed when an event occurs somewhere in the...

...comes from the research on FIELD at Brown University.

In the HP SoftBench environment, certain **triggers** are predefined in the tools. More important, users can define their own **triggers** with the HP Encapsulator, keying off any notification in the user's environment. For example, the user might define an event **trigger** that automatically notifies the team whenever a successful build occurs, or metrics might be collected...

...elsewhere in the environment (that is, the messages for which it wants to define event **triggers**). See "Broadcast Message Server Message Structure," page 39.

There are two types of messages in...

...interest in this event. In this case, the development manager will use the message to **trigger** a directory update and the static analyzer will use it to **trigger** a reanalysis of its program data base.

Often, no tools have expressed interest in a with a remote computer, a small daemon program known as the HP SoftBench subprocess **control** (SPC) daemon is used. This **remote** daemon is automatically invoked through the HP-UX inetd facility. Process **control** between the initiating tool and the **remote** process is then conducted through the SPC daemon.

HP SoftBench tools communicate in a distributed...

...src/project1).

Remote Display

HP SoftBench tools are built on the X Window System Version **11** , which is a network-transparent window system. One of the benefits of the X Window...

...the programmer can edit the files being viewed, check them in and out of version **control** , and cause the files to be rebuilt. This **remote access** to other tools' functionality is provided by the HP SoftBench tool communication architecture. It lets...single resource value, localizers can change editing commands from chorded combinations with the Extend char **key** to **sequence** combinations with the ESC **key** . They can also use X11 resources to specify appropriate font schemes, and even to refer...

...processes, all running under the HP-UX operating system and the X Window System Version **11** . Each HP SoftBench tool is built on the X Version **11** C library interface, the X toolkit, the HP widgets, and the HP SoftBench common code...

16/K/17 (Item 10 from file: 275)

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01177485 SUPPLIER NUMBER: 04470909 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Asynchronous communications: shopping for software. (Software Review)

(evaluation)

Stone, M. David

PC Magazine, v5, n18, p126(41)

Oct 28, 1986

DOCUMENT TYPE: evaluation ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 25454 LINE COUNT: 01953

... with unattended remote file transfer may or may not have other unattended operation capabilities or **remote** operation features.

Remote operation allows wider **access** to the system. At the very least, this means that a **remote** caller has **access** to DOS commands and with it the ability to erase, rename, or copy files.

Remote...and so on. A status line lists the most common commands, while pressing the Home **key** displays all the **key sequences** for easy reference. Function **keys** can store three different strings in combination with the Ctrl, Shift, and Alt keys. You...

...you get an answer, and there's no script processing for unattended file transfer or **remote control**. **Access** to DOS is limited to viewing directories or files changing the logged-on drive, and...PFS:Access cannot be configured for unattended operation. However, you can use PFS:Access to **set** up your computer and modem for remote access. **You** or anyone else with a password can call the properly configured computer to upload or download...

...limited number of DOS commands. Two levels of passwords allow different levels of access.

Uploading **and** downloading files with the remote-access **feature** is a somewhat awkward process. If PFS:Access was written by a team, my impression is that one person wrote the remote-access **file - transfer** part and another wrote the auto-log-on learn mode feature.

A convenient feature of...

...terrific value for those who want to use on-line services. The limited remote access, **file encryption**, and screen-review features are also desirable. PFS:Access's greatest strength is its ease...extends the power of office telecomputing with plenty of sophisticated features like start-remote access **and automatic** call-back. Telpac offers great communications and screen versatility with bit-rate ranges from 50...
...go back through the menu and do the whole thing again.

Telpac's remote-access **feature**, **however**, is especially useful. The host PC is password protected with three levels of security. The...also allows limited operation of a bulletin board system, essentially an elaboration on remote operation. **Three** classes of users are supported with access to **different** Ascom IV functions. Passwords and electronic mail between users are also supported.

The Ascom IV...use of Crosstalk XVI. (Unfortunately, the program stops just short of giving you remote access **to DOS**.) Crosstalk XVI also includes sophisticated features such as line character delay, a filter for incoming...DEC terminals, Model VT52, VT100, and VT102. It won't operate under the control of a remote computer **and** cannot build a bulletin board. Nor can you exit to DOS and return to Miracle...

...see "Integration with Integrity; Framework, Symphony, and Enable," PC Magazine, Volume 5 Number 11), Enable **offers** a flexible communications module with function-key menu selection of as many stored numbers or... applications if you work at it.

You can also set up Framework for remote access. **You may** specify a password to limit access to **your** system when you leave it unattended. When remote users dial in, they must supply this...
...to gain access. Once in, they can control your machine by sending a trigger character (**Ctrl -R**, by default), and then they can issue a variety of commands. These include turning...

...These same commands are also available during any telecommunications

session as local commands, triggered by **Ctrl -Ins**.

The communications section of Framework is not wonderful enough to warrant buying the entire...of operations occurs when you switch between the originate and answer modes: it triggers a 20 -second delay while the program reinitializes the modem.

Smart uses a proprietary file-translation scheme...

?